TABLE ERRATA

478.—MILTON ABRAMOWITZ & IRENE A. STEGUN, Editors, *Handbook of Mathematical Functions with Formulas, Graphs, and Mathematical Tables*, National Bureau of Standards, Applied Mathematics Series, No. 55, U. S. Government Printing Office, Washington, D. C., 1964, and all known reprints.

In Table 14.1, which begins on p. 546, the following corrections should be made in the values of the irregular Coulomb wave function and its first derivative. The revised 5S values shown here are abridgments of decimal approximations originally calculated with 13S arithmetic on an IBM 360/50 and IBM 360/75 configuration. A second, confirmatory run was performed on a CDC 3600 system, using 24S arithmetic.

η	ρ	$G_0(\eta, \rho)$	
		for	*read*
4.5	1	(3)2.4167	(3)2.4168
16.5	3	(13)5.7652	(13)5.7653
11.0	13	(1)9.6258	(1)9.6259
5.0	18	(−3)−3.2476	(−3)−3.2477
8.0	19	(−2)+4.9276	(−2)+4.9277

η	ρ	$\frac{d}{d\rho} G_0(\eta, \rho)$	
		for	*read*
1.5	2	(1)−9.5930	(−1)−9.5930
15.0	7	(8)−3.2430	(8)−3.2429
4.5	19	(−3)−3.4829	(−3)3.4827
7.0	20	(−4)+8.3738	(−4)+8.3736

It may be noted that, except for the erroneous sign of the exponent of the tabular value of $(d/d\rho)G_0(\eta, \rho)$ when $\eta = 1.5$ and $\rho = 2$, all these errors lie within the tolerance specified on page ix of this handbook.

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479.—HENRY E. FETTIS & JAMES C. CASLIN, *Tables of Toroidal Harmonics*, I: *Orders 0–5, All Significant Degrees*, Report ARL 69-0025, Aerospace Research Laboratories, Office of Aerospace Research, United States Air Force, Wright-Patterson Air Force Base, Ohio, February 1969. [See *Math. Comp.*, v. 24, 1970, pp. 489–490, RMT 36.]

Because of accumulator underflow, all tabular entries with exponent equal to −39 are incorrect. The correct entries, which correspond to $m = 0$ throughout, are:

s	n	$Q^m_{n-1/2}(s)$
3.6	44	4.59991 27542 −39
3.7	43	9.50502 92473 −39
3.8	43	2.85091 01598 −39
3.9	42	6.86214 77687 −39
4.0	42	2.25541 57086 −39
4.1	41	6.23917 60059 −39
4.2	41	2.22566 85013 −39
4.3	40	6.99508 21099 −39
4.4	40	2.68634 67845 −39
4.5	39	9.49778 26101 −39
4.5	40	1.05531 33548 −39
4.6	39	3.89950 18697 −39
4.7	39	1.63351 88627 −39
4.8	38	6.70898 15415 −39
4.9	38	2.98005 27079 −39
5.1	37	6.33072 78137 −39
5.2	37	3.01294 13028 −39
5.4	36	7.73589 35021 −39
5.5	36	3.91337 27946 −39
5.6	36	2.00497 06214 −39
5.8	35	6.37130 41435 −39
5.9	35	3.44098 37766 −39
6.0	35	1.87831 07236 −39
6.2	34	7.21133 24394 −39
6.3	34	4.12197 54523 −39
6.4	34	2.37749 88789 −39
6.7	33	6.49502 82907 −39
6.8	33	3.93185 37775 −39
6.9	33	2.39809 78433 −39
7.0	33	1.47330 60976 −39
7.2	32	8.26289 35069 −39
7.3	32	5.25457 54736 −39
7.4	32	3.36255 60855 −39
7.5	32	2.16497 35424 −39
7.8	31	9.44429 23084 −39
7.9	31	6.30147 02923 −39
8.0	31	4.22630 82308 −39
8.1	31	2.84885 31956 −39
8.2	31	1.92980 57598 −39
8.6	30	7.41853 90935 −39
8.7	30	5.20155 76090 −39
8.8	30	3.66213 56627 −39
8.9	30	2.58869 13301 −39
9.0	30	1.83709 31717 −39
9.4	29	9.22272 62544 −39
9.5	29	6.73761 61637 −39

s	n	$Q^m_{n-1/2}(s)$
9.6	29	4.93852 43793 −39
9.7	29	3.63163 08581 −39
9.8	29	2.67910 83681 −39
9.9	29	1.98259 67807 −39
10.0	29	1.47165 62153 −39
cosh 2.0	43	4.47637 40733 −39
cosh 2.1	41	3.93855 07227 −39
cosh 2.2	39	5.17736 74201 −39
cosh 2.4	36	2.66986 47973 −39
cosh 2.6	33	4.58994 11009 −39
cosh 2.7	32	2.43181 66381 −39
cosh 2.8	31	1.57456 84732 −39

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480.—HENRY E. FETTIS & JAMES C. CASLIN, *Tables of Toroidal Harmonics*, II: *Orders* 5–10, *All Significant Degrees*, Report ARL 69-0209, Aerospace Research Laboratories, Office of Aerospace Research, United States Air Force, Wright-Patterson Air Force Base, Ohio, December 1969. [See *Math. Comp.*, v. 24, 1970, pp. 989–990, RMT 70.]

The basic error noted in the computation of certain entries in the first part of these tables also affects this second part; accordingly, all entries herein that have an exponent equal to −39 should be replaced by the following correct values, which all correspond to $m = 5$:

s	n	$Q^m_{n-1/2}(s)$
1.9	86	−6.54495 28414 −39
1.9	87	−1.95745 52964 −39
2.0	82	−5.82770 56575 −39
2.0	83	−1.64573 92883 −39
2.1	79	−3.00783 29828 −39
2.2	76	−2.78966 95321 −39
2.3	73	−4.37351 82067 −39
2.4	71	−2.55612 87322 −39
2.5	68	−9.50192 22147 −39
2.5	69	−2.11201 14365 −39
2.6	67	−2.39426 51477 −39
2.7	65	−3.62938 77157 −39
2.9	62	−3.48753 88345 −39
3.0	61	−1.98922 56841 −39
5.4	44	−8.83861 32083 −39
5.5	44	−3.85029 16154 −39

s	n	$Q^m_{n-1/2}(s)$
5.6	44	−1.70345 88750 −39
5.7	43	−7.85100 93924 −39
5.8	43	−3.64042 66950 −39
5.9	43	−1.71104 93561 −39
6.0	42	−8.79018 44703 −39
6.1	42	−4.31065 29489 −39
6.2	42	−2.13925 00025 −39
6.4	41	−6.26478 00610 −39
6.5	41	−3.26556 81470 −39
6.6	41	−1.71964 32261 −39
6.8	40	−5.98563 89904 −39
6.9	40	−3.29211 90197 −39
7.0	40	−1.82666 20355 −39
7.2	39	−7.43051 83676 −39
7.3	39	−4.28598 47456 −39
7.4	39	−2.49113 36969 −39
7.7	38	−7.02605 35170 −39
7.8	38	−4.25685 72031 −39
7.9	38	−2.59589 10145 −39
8.0	38	−1.59305 52883 −39
8.2	37	−8.92741 30948 −39
8.3	37	−5.64682 99698 −39
8.4	37	−3.59171 69157 −39
8.5	37	−2.29699 09569 −39
8.6	37	−1.47679 38224 −39
8.8	36	−9.69656 51065 −39
8.9	36	−6.40189 19222 −39
9.0	36	−4.24658 55523 −39
9.1	36	−2.82987 04558 −39
9.2	36	−1.89427 89504 −39
9.5	35	−9.82139 61655 −39
9.6	35	−6.75787 14609 −39
9.7	35	−4.66818 60609 −39
9.8	35	−3.23707 25687 −39
9.9	35	−2.25314 10489 −39
10.0	35	−1.57406 50207 −39
cosh 1.3	83	−6.79615 86944 −39
cosh 1.3	84	−1.95085 12721 −39
cosh 2.4	44	−2.41546 06422 −39
cosh 2.5	42	−3.43348 44725 −39
cosh 2.6	40	−7.21731 11373 −39
cosh 2.7	39	−1.68005 93266 −39
cosh 2.8	37	−7.00700 98519 −39
cosh 2.9	36	−2.66822 44900 −39

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